

chine, or, in fact, wherever it is desired to advance or guide a plurality of wet films simultaneously by means of a single roll.

In addition to effectively inhibiting sway of superimposed films as herein described, the apparatus of this invention is of further advantage in the simultaneous manufacture of a plurality of films in a single casting machine in that it facilitates the removal of gas which tends to accumulate in pockets between the films, particularly in the early stages of the manufacture.

I claim:

1. In apparatus for the simultaneous multisheet casting of regenerated cellulose film comprising in combination a plurality of tanks containing treating fluids and rotatably mounted, positively driven, cylindrical film advancing rolls over which a plurality of superimposed wet regenerated cellulose films pass into and out of said tanks, the improvement which comprises as the film advancing rolls in said combination rolls each having two spiral surface grooves of equal and opposite pitch, each spiral groove leading from a point midway from the ends of

said roll and extending toward opposite ends of said roll and a plurality of straight surface grooves parallel to the longitudinal axis of said roll and spaced about the circumference thereof, the grooves being sufficiently wide and deep to permit deformation therein of wet films on said roll.

2. The apparatus of claim 1 wherein the straight grooves are equally spaced around the circumference of said roll, and the side walls of all grooves are sloped whereby to inhibit marking of the film.

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